

Attorney Docket No: 09792909.4970
Custom r No. 26263

**AMENDMENT UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
GROUP ART UNIT 2811
PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Tsutomu TANAKA, et al.

Examiner: Quang D. Vu

Application No.: 09/827,676

Group Art Unit: 2811

Filed: April 6, 2001

Confirmation No.: 6747

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DEC 23 2004

For: THIN-FILM TRANSISTOR AND METHOD FOR MAKING THE SAME

MAILSTOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. § 1.116

Sir:

In response to the Final office action dated September 24, 2004,
Applicants request the Examiner consider the following amendments and remarks.

anode layer and a hole-transporting layer and a second pair of layers comprising an electron-transporting layer and a cathode layer, and wherein the forming of the organic EL element comprises forming the cathode layer, forming the electron-transporting layer, forming the luminescent layer, forming the hole-transporting layer, and forming the anode layer, in this order.

Yamazaki, Nakanishi, and Nakajima do not disclose the layers recited in claim 15. Toguchi discloses an organic EL device having an anode 2 on a substrate 1, a hole-transporting layer 3 on the anode, a luminescent layer 4 on the hole-transporting layer, an electron-transporting layer 5 on the luminescent layer, and a cathode 6 on the electron-transporting layer (Fig. 2). Toguchi does not disclose or suggest forming the cathode layer, forming the electron-transporting layer, forming the luminescent layer, forming the hole-transporting layer, and forming the anode layer, in this order. Rather, Toguchi discloses forming these layers in reverse order to that recited in claim 15. For this additional reason, the Section 103 rejection of claim 15 is improper and should be withdrawn.

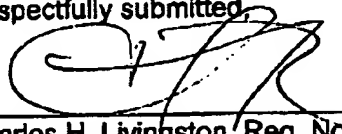
Conclusion

If the Examiner believes that there is any issue which could be resolved by a telephone or personal interview, the Examiner is respectfully requested to contact the undersigned attorney at the telephone number listed below.

As it is believed the Application is in condition for allowance, a favorable action and a Notice of Allowance are respectfully requested.

Dated: December 23, 2004

Respectfully submitted,



Charles H. Livingston, Reg. No. 53,933
Customer No. 26263
314.259.5822



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| | | |
|--|-----------------------------|----------------|
| REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL Address to: Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | Application Number | 09/827,676 |
| | Filing Date | April 6, 2001 |
| | First Named Inventor | Tsutomu TANAKA |
| | Art Unit | 2811 |
| | Examiner Name | Quang D. Vu |
| | Attorney Docket No. | 9792909-4970 |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114

a. ☐ Previously submitted

i. ☐ Consider the amendment(s)/reply under 37 CFR 1.116 previously filed on ____
(Any unentered amendment(s) referred to above will be entered).

ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on ____

iii. ☐ Other ____

b. ☒ Enclosed

i. ☒ Amendment/Reply

iii. ☐ Information Disclosure Statement (IDS)

ii. ☐ Affidavit(s)/Declaration(s)

iv. ☐ Other ____

2. Miscellaneous

a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of ____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(l) required)

b. ☐ Other ____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

a. ☒ In connection with this application, the Commissioner is hereby authorized to credit overpayments or to charge any additional fee required to Deposit Account No. 19-3140.
A duplicate copy of this sheet is enclosed.

i. ☒ RCE fee required under 37 CFR 1.17(e) (\$770.00)

ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

iii. ☐ Other ____

b. ☒ The enclosed credit card payment form to charge the amount of \$770.00 covers the total claim fee and other applicable fees.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

14. ☒ Customer No. 26263

Dated: March 19, 2004

David E. Crawford, Jr. (Registration No. 38,118)

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for Express Mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

| | | | |
|--------------------------|------------------------|-------------|--|
| Name (Print/Type) | David E. Crawford, Jr. | | |
| Signature | | Date | |

03/23/2004 CNGUYEN 00000015 09827676

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770.00 DP

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number

09/827676

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|---|--------------|--------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | minus 20= | |
| INDEPENDENT CLAIMS | minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/> | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * <i>20</i> | Minus | ** <i>20</i> |
| Independent | * <i>3</i> | Minus | *** <i>4</i> |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| | (Column 1) | (Column 2) | (Column 3) |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * <i>51</i> | Minus | ** <i>20</i> |
| Independent | * <i>2</i> | Minus | *** <i>3</i> |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| | (Column 1) | (Column 2) | (Column 3) |
|---|----------------------------------|------------------------------------|---------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** |
| Independent | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OTHER THAN SMALL ENTITY

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 385.00 |
| XS 9= | |
| X43= | |
| +145= | |
| TOTAL | |

OR

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 770.00 |
| XS18= | |
| X86= | |
| +290= | |
| TOTAL | |

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| XS 9= | <i>1</i> |
| X43= | |
| +145= | |
| TOTAL | |
| ADDITIONAL FEE | |

OR

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| XS18= | <i>1</i> |
| X86= | |
| +290= | |
| TOTAL | |
| ADDITIONAL FEE | |

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| XS 9= | |
| X43= | |
| +145= | |
| TOTAL | |
| ADDITIONAL FEE | |

OR

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| XS18= | <i>50</i> |
| X86= | |
| +290= | |
| TOTAL | |
| ADDITIONAL FEE | |

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| XS 9= | |
| X43= | |
| +145= | |
| TOTAL | |
| ADDITIONAL FEE | |

OR

| RATE | ADDITIONAL FEE |
|----------------|----------------|
| XS18= | |
| X86= | |
| +290= | |
| TOTAL | |
| ADDITIONAL FEE | |